CHECK-IN:

ALGORITHM:

STEP -1: Fill all the credentials and also select the room type

STEP -2: After filling all the credentials press confirm which will ask you to select a vacant room based on the selected room type

STEP -3: Press ‘RESET’ to clear all the data entered in the entry bar and sets the day, month and year to 0

STEP -4: After selecting the room type press submit which gets all the entered credentials and add them to the SQL table

CHECK-OUT:

ALGORITHM;

STEP -1: Enter the room number and the check-out date and press generate bill which generates a check-out bill with the total amount to be paid based on the number of days stayed, laundry, parking, room service and restaurant services.

STEP -2: Once the bill is generated you can press ‘Restaurant orders’ or ‘Laundry Orders’ to review all your restaurant and laundry service received

STEP -3: After reviewing all the details press check-out which generates a bill and saves it in a folder to be printed and updates the SQL table

RESTAURANT:

ALGORITHM:

STEP -1: Press ‘MENU’ for information about pricing

STEP -2: Select the type of guest hotel or restaurant guest and the type of meal (Breakfast, Lunch, Dinner) and press ‘CONFIRM’.

STEP -3: Display the appropriate entries for the selection.

STEP -4: If the customer is a hotel guest, Details like Room no, customer id, no of veg(adults), no of veg(children), no of nonveg(adults), no of nonveg(children) are collected.

STEP -5: After pressing ‘SUBMIT’, check whether the customer id matches with the room no. If it doesn’t display an error otherwise add all the details to the restaurant table with date and time.

STEP -6: Press ‘RESET’ to reset all the entries to 0 and ‘PREVIOUS’ to go back to selection screen.

STEP -7: If the customer is a restaurant guest, Details like no of veg(adults), no of veg(children), no of nonveg(adults), no of nonveg(children) are collected.

STEP -8: After pressing ‘SUBMIT’, show information box to confirm the order and cost. After confirmation generate a unique booking id and add all the details to the restaurant table with date and time. Generate a bill and save it in a bill folder.

STEP -9: Press ‘RESET’ to reset all the entries to 0 and ‘PREVIOUS’ to go back to selection screen.

LAUNDRY:

ALGORITHM:

STEP -1: Press ‘MENU’ for information about pricing.

STEP -2: Display entries for data to be retrieved from the customer.

STEP -3: Details like Room no, customer id, no of pants, no of shirts, no of others are collected.

STEP -4: After pressing ‘SUBMIT’, check whether the entered customer id matches with the room no, if it doesn’t show error otherwise add the details to the laundry table with date and time.

STEP -5: Press ‘RESET’ to set all the entries to 0.

ROOMSERVICE:

ALGORITHM:

STEP -1: Press ‘MENU’ for information about pricing.

STEP -2: Display entries for data to be retrieved from the customer.

STEP -3: Details like Room no, customer id, service required are collected.

STEP -4: After pressing ‘SUBMIT’, check whether the entered customer id matches with the room no, if it doesn’t show error otherwise add the details to the room service table with date and time.

STEP -5: Press ‘RESET’ to set all the entries to 0.

PARKING:

ALGORITHM:

STEP -1: Display entries for data to be retrieved from the customer.

STEP -3: Details like Room no, car type, license plate are collected and a parking slot is selected from the available parking slot.

STEP -4: Add the details to the car service table and the selected parking slot is marked as unavailable.

EMPLOYEES:

ALGORITHM:

STEP -1: Retrieve data from the employees table based on the column ‘SHIFT’.

STEP -2: Check the current time and display the details like employee name, employee id, duty, date of join who are working in the current shift.

STEP -3: A table with the employee details are displayed.